

PVG's  
**Muktangan English School & Jr. College, Pune - 9**  
**Formative Written Test - I (2024 - 25)**  
**Standard - VIII**

**Subject - Mathematics**

**Date - 9.8.2024**

**Marks - 20**

**Time - 8.15 a.m. to 9.30 a.m.**

**Q.1 A) Fill in the blanks and rewrite the statements. [ 2 ]**

1. If a line intersects given two lines in two distinct points then that line is called a \_\_\_\_\_ of those two lines.

2.  $5^2 \times 5^3 = 5^{\square}$

**B) State whether the following statements are true or false and rewrite the statements. [ 2 ]**

1. The orthocentre of a right angled triangle is the vertex of the right angle.
2. For any pair of numbers on a number line, the number to the right is smaller than the other.

**Q. 2 Attempt any three of the following. [ 6 ]**

1. Compare the following numbers :

a)  $\frac{-3}{2} \square \frac{1}{2}$

b)  $\frac{-11}{20} \square \frac{-15}{20}$

2. Complete the following table.

Number	Power of the root	Root of the power
$(45)^{\frac{3}{4}}$		
$(21)^{\frac{3}{7}}$		

3. Write the given rational number  $\frac{11}{8}$  in decimal form.

State whether the number is terminating or non - terminating decimal form.

